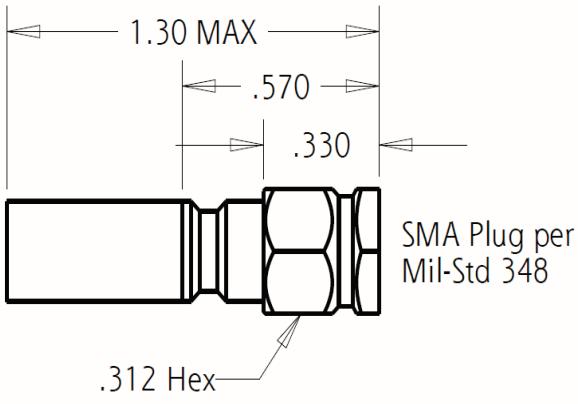
PIC Wire & Cable	Connector Specification	P/N 110198
A Division of the Angelus Corporation Ph (262) 246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved :	Date : 01/29/04 Rev : 2 (07/09/18)
	Distribution : USER	Uncontrolled if Printed

SMA 50 Ohm Straight Plug

for S44191, S44193, S46191, RG400 & RG142



Features Not Shown : Safety Wire Holes, Gasket in Front

PERFORMANCE

Nominal Impedance :	50 Ohms
Frequency Range :	0 - 12 GHz
Voltage Rating :	335 V(rms)
Insulation Resistance :	5000 Megohms min.
Insertion Loss :	$0.06 \sqrt{F(GHz)}$

CONNECTOR WEIGHT (Each)

0.2 ounces (5.63 grams)

RoHS COMPLIANT

Complies to RoHS Standards

INSTALLATION

Center Contact
M22520 / 1-01 Tool
Selector Dial Setting # 3
Positioner : M22520 / 1-15

Crimp Ferrule
M22520 / 5-01 Tool
M22520 / 5-11 Die Set
(.213" A hex)

CONSTRUCTION

Materials:

Body	Stainless Steel, ASTM-A582, Alloy UNS S30300
Cable Contact	Beryllium Copper, ASTM-B196, Alloy UNS C17300
Ferrule	Brass, ASTM-B16, Alloy UNS 36000, Dead Soft,
Dielectric	TFE Fluorocarbon, ASTM-D1710, Type 1, Grade 1
Gasket	Silicone Rubber

Finish :

Body	Passivated
Ferrule	Gold
Center Contact	Gold

APPLICABLE STANDARDS

MIL-STD 348, MIL-PRF-39012

Notes *:*

1) A 1.5" piece of Raychem ATUM heat shrink P/N ATUM-12/3-0 provided with connector for purpose of strain relief & moisture protection.

2) Please refer to T-110198 Termination Instruction sheet for strip dimensions & instructions.

PIC Wire & Cable Connector User specification sheets are non-controlled documents if printed. Please contact PIC Wire and Cable or visit the PIC website (www.picwire.com) to ensure the latest revision of the drawing is being viewed.